Met Office shares wind modelling enhancements

27 March 2012 - Dr Clive Wilson, one of the Met Office's leading scientists in mesoscale model development and diagnostics, will be a key speaker at an international event focussing on Wind Resource Assessment.

Taking place in London on 27-28 March, the W*indpower Monthly* Wind Resource Assessment Forum has attracted interest from an international audience keen to understand how to make wind projects more bankable. With an associated total investment of €26.6 billion expected by 2020, the forum will show how the accuracy and certainty of wind resource assessments has never been of greater importance.

This will be demonstrated by Dr Wilson, whose presentation is entitled 'Improved Wind Resource Site-Screening and Planning Using Mesoscale and High Resolution Models'. He will be demonstrating to the audience the key developments and improvements that have been made through modelling capability to increase the accuracy in outputs from the Met Office's long-term wind assessment solution; Virtual Met Mast™.

The Met Office's Senior Wind Energy Consultant Stephen Norman, who is also attending the forum, said: "At this event we will also be sharing some exciting news about enhancements to Virtual Met Mast™ that will further increase accuracy and bankability which will be revealed to the wider industry soon."

The Met Office offers a range of innovative products aimed directly at the renewable energy sector throughout each stage of the wind energy lifecycle, including

- **Virtual Met Mast™**, the site-specific wind analysis model-based tool designed to provide fast and accurate wind farm site screening.
- **VisualEyes™**, an intuitive, web-based weather system designed in conjunction with the industry to help manage wind farm assets.
- The **Wind Production Forecast** - a new site specific forecasting service for wind farms and wind energy production, designed to help generators make accurate short-term assessments of power production.

For more information about the contents of Dr Clive Wilson's presentation, to interview one of the Met Office's scientists and for details of the Met Offices services for the renewable sectors, please email the press office.

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